

Floods Caused by Tropical Systems: Swatara Creek at Middletown (Old Site)

Latitude: 40.2

Period of Record: 1972-Present

Longitude: -76.717

Flood Stage: 11 ft

Last Flood: 9/9/2011

Number of Floods: 25

| Date of Crest | Crest (ft) | Streamflow (cfs) | Remarks |
|---------------|------------|------------------|--|
| 6/23/1972 | 28.45 | -9,999 | Hurricane Agnes made landfall again over southeastern New York on June 22 and moved westward into Pennsylvania. Rainfall totals from June 20-25 range from 2-3 inches in the Upper Potomac to 18 inches near Shamokin, Pennsylvania. |
| 9/9/2011 | 23.23 | -9,999 | The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY. |
| 9/19/2004 | 19.50 | -9,999 | The remnants of Hurricane Ivan, combined with a cold front, produced an average rainfall amount of 2-4 inches in NY, 3-7 inches in PA, 1-3.5 inches in NJ and 2 inches in WV. |
| 9/27/1975 | 19.47 | -9,999 | The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million. |
| 10/1/2010 | 11.20 | -9,999 | Tropical moisture ahead of a north-south frontal boundary interacted with the remnants of tropical storm Nicole to produce heavy rainfall throughout the Mid-Atlantic. Rainfall amounts of 4"-5" were common, with locally heavier amounts of up to 10". |
| 9/29/2004 | 11.00 | -9,999 | Hurricane Jeanne stalled a cold front and supplied the front with much-needed moisture. As a result, 1-day rainfall totals ranged from 1 - 6 inches throughout the Mid-Atlantic region. |

Drainage Area: 569 sq mi

Tropical information before 1940 is limited.

County of Gage: Dauphin

Gage Datum: 284 ft MSL

Lower Main Stem Susquehanna Basin

County of Forecast Point: Dauphin

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